

## ABSTRACT

According to the present invention, a moving element  $A_i$  such as an electrostatically driven actuator is displaced by supplying a drive signal thereto. Meanwhile, a displacement  
5 sensing section 6 senses its displacement and a calibrating section 15 automatically calibrates the correlation between the drive signal and the displacement, thereby compensating for a variation in the characteristic of the actuator with time and according to the environment. A switching section 7  
10 selectively connects the single displacement sensing section to a plurality of moving elements  $A_i$  one after another, thereby cutting down the circuit for displacement sensing.